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No. 49] NEW DELHI, SATURDAY, DECEMBER 3, 1994 (AGRAHAYANA 12, 1916)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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CALCUTTA, 3RD DECEMBER 1994

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New Delhi-110 005.

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Kashmir, Punjab, Rajasthan and
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Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

1—357G1/94

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and the Union Territories of
Pondicherry, Laccadive,
Minicoy and Aminidivi Islands.

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Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

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पेटेंट कार्यालय
एक्सर तथा अभिकल्प
कलकत्ता, दिनांक 3 दिसम्बर 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी हस्टेट,
तीसरा तल, लोअर परले (पश्चिम);
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोजा, दमण तथा
दोय एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405; तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्का तथा एरिनिदिच द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य अग्रदीन बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में जर्प-
क्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा चेक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent branch are the dates
claimed under section 135, of the Patent Act, 1970.

03-10-1994

800/Cal/94. Jahar Lal Bose. A Process for improvement of
Dechlorination.

801/Cal/94. Jahar Lal Bose. Therapeutic water.

802/Cal/94. Euroceltique, S.A. Orally administrable opioid
formulations having extended duration of effect.

803/Cal/94. Borealis Holding A/S. Method of polymerizing
olefins in a Fluidized-bed Reactor.

804/Cal/94. Laporte Industries Limited. Process for the
treatment of acidic Liquors and for the production
of commercial products thereby. (Convention No. 9321732.1; dated 21-10-93; U.K.).

805/Cal/94. Hoechst Aktiengesellschaft. Process for the
preparation of tetrachloro-1, 4-benzoquinone.

806/Cal/94. Florida Power Corporation. Desulfurization of
Carbonaceous fuels.

807/Cal/94. Fleetguard Inc. Fluid Filter Assembly for
vehicles.

808/Cal/94. Personal products Co. Flexible deodorant sub-
strate. (Divided out of No. 287/Cal/92; ante-
dated to 27-4-92; which has been divided out
from Patent Application No. 699/Cal/88; dated
22-08-1988).

809/Cal/94. Timex Corporation. Method and apparatus for
downloading information from a controllable
light source to a portable information device.

04-10-1994

810/Cal/94. E.I. Du Pont De Nemours and Company. Im-
proved Imbibition process and products.

811/Cal/94. Sonoco Products Company. Concrete column
forming tube having a smooth inside coated sur-
face and method of making same.

812/Cal/94. Stork Product Engineering B.V. Wind tur-
bine.

813/Cal/94. E.I. Du Pont De Nemours and Company. New
Fiberballs.

05-10-1994

814/Cal/94. Hitachi Construction Machinery Co. Ltd.
Slide Bearing assembly.

815/Cal/94. SKF Textilmaschinen-Komponenten GmbH. An
proved rolling mill for spinning machines.

05-10-1994

816/Cal/94. Senetics, Inc. Indicator device responsive to
axial force.

06-10-1994

817/Cal/94. Hollandse Signaalapparaten B.V. and Stichting Voor De Technische Wetenschappen. Multipatch antenna.

818/Cal/94. Polysack Plastic Industries Nir Itzhak-Sufa. Light Reflecting screen.

819/Cal/94. Boehringer Mannheim GmbH. Enzymes Immobilized on carriers.

07-10-1994

820/Cal/94. Sandvik AB. Precipitation hardened metal alloy.

821/Cal/94. Dilip Chatterjee and Swapan Chatterjee. An Improved and modified moving advertising device. (Patent of Addition No. 185/Cal/93; dated 01-3-93).

822/Cal/94. Dr. Soumya Panigrahi. Slow Infusion pump.

823/Cal/94. American Cyanamid Company. Conjugates of methyltrithio antitumor agents and intermediates for their synthesis.

10-10-1994

824/Cal/94. Raphael Schlanger. Vehicle wheel.

825/Cal/94. Mitsuba Electric Manufacturing Co. Ltd. A connecting construction between a coil wire and a lead wire.

826/Cal/94. Hitachi Construction Machinery Co. Ltd. Drive Control system for hydraulic machine.

827/Cal/94. Siemens Aktiengesellschaft. Rotatable heating chamber for solid material.

828/Cal/94. American Cyanamid Company. Package having a press-and-turn type cap and bottle with ramped gripping portions.

829/Cal/94. Copes-Vulcan, Inc. Poppet valve having external adjustment for a flow restrictor.

830/Cal/94. RCA Thomson Licensing Corporation. Shift register useful as a select line scanner for a liquid crystal display.

831/Cal/94. Westinghouse electric corporation. Improvements in or relating to gas turbine combustor.

832/Cal/94. Westinghouse electric corporation. Improvements in or relating to blade path thermocouple and exhaust gas extraction probe for combustion turbines.

833/Cal/94. Westinghouse electric corporation. Improvements in or relating to gas turbine vane.

834/Cal/94. D. Pollak. Window assembly. (Convention No. 3370; dated 14-1-1994; Australia).

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

19th September 1994

914/Mas/94. The President, Dr. Reddys Research Foundation. A process for the preparation of novel 20 (S)—camptothecin analogues as anti-cancer and antiviral agents.

915/Mas/94. Ramamurthy Srinivasan. A minimum oil air core electrical reactor.

916/Mas/94. Hoechst Aktiengesellschaft. Process for the reduction of sulfoxide groups in polymers.

917/Mas/94. The B F Goodrich Company. Multifunctional air data sensing probes.

918/Mas/94. The BF Goodrich Company. Integral airfoil total temperature sensor.

919/Mas/94. Kyzen Corporation. A cleaning composition for cleaning an electronic component.

920/Mas/94. National Mineral Development Corporation Ltd. A process for the production of pigment grade ferric oxide from blue dust slime.

20th September 1994

921/Mas/94. Advanced Magnetics, Inc., Delivery of therapeutic agents to receptors using polysaccharides.

922/Mas/94. Exergy, Inc. Multi-stage combustion system for externally fired power plants.

923/Mas/94. Henkel Kommanditgesellschaft auf Aktien. A process for the production of fatty alcohols based on vegetable fats and oils.

924/Mas/94. Henkel Kommanditgesellschaft auf Aktien. A process for the production of water-free nitrogen-containing compounds.

21st September 1994

925/Mas/94. Chlorine Engineers Corps., Ltd., Low-hydrogen overvoltage cathode and method of producing the same.

22nd September 1994

926/Mas/94. Kimberly-Clark Corporation. Absorbent article which includes superabsorbent material located in discrete pockets having water-sensitive and water-insensitive containment structures.

927/Mas/94. Kimberly-Clark Corporation. Absorbent article which includes superabsorbent material located in discrete pockets having an improved containment structure.

928/Mas/94. Kimberly-Clark Corporation. Absorbent article which includes superabsorbent material and hydrophilic fibers located in discrete pockets.

929/Mas/94. Kimberly-Clark Corporation. Absorbent article which includes superabsorbent material located in discrete elongate pockets placed in selected patterns.

23rd September, 1994

930/Mas/94. Sara Lee Corporation. Panty Garment and method of forming same.

931/Mas/94. Carl Froh Rohrenwerk GmbH & Co. DC Two-layer pipe.

932/Mas/94. Aluminium Pechiney. Process for the treatment of trihydrate type bauxite comprising double disilication.

933/Mas/94. Eastland Technology Australia Pty. Ltd. Infusion set. (September 27, 1993; Australia).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एक्स को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

वर्गीकरण (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपर्युक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कार्यों को जोड़कर उसे 2 से गुणा करके; (वर्षों के प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl.: 128 G.

174411

Int. Cl.: A 61 B 6/03.

METHOD AND APPARATUS FOR DETECTING DOWN SYNDROME BY NON-INVASIVE MATERNAL BLOOD SCREENING.

Applicant & Inventor: JAMES NICHOLAS MACRI OF 170 SYDNEY STREET, OYSTER BAY, NEW YORK 11771, UNITED STATES OF AMERICA.

Application No. 45/Cal/1990; filed on 16th January 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

4 Claims

An apparatus for comparing the level of free beta human chorionic gonadotropin (HCG) in a pregnant woman patient's blood sample to a set of reference data containing

the level of free beta HCG in: (1) pregnant women carrying normal fetuses and (2) pregnant women carrying fetuses with a fetal chromosomal abnormality, to determine the patient's risk of carrying a fetus with the fetal chromosomal abnormality comprising:

a central processing unit having an electrically stored database containing the reference data;

input means electrically connected to the central processing unit, for inputting background information relating to the pregnant woman, and the pregnant woman's level of free beta human chorionic gonadotropin to said central processing unit; and

video display means electrically connected to said central processing unit;

wherein said central processing unit includes:

a computer program for processing said background information on relating to the pregnant woman, and comparing the pregnant woman's level of free beta human chorionic gonadotropin to the reference data to calculate the pregnant woman's risk of carrying a fetus with the fetal chromosomal abnormality; and

means for displaying the calculated risk on said video display means.

(Compl. Specn. 43 pages;

Drgns. 5 sheets)

Cl.: 40-F; 145-F.

174412

Int. Cl.: D 21 C 5/02.

A METHOD OF DE-INKING WASTE PAPER MATERIAL.

Applicant: BDL SPECIALIST PRODUCTS LIMITED OF 6 AIRFIELD ROAD CHRISTCHURCH, DORSET BH23 3TG, UNITED KINGDOM.

Inventor: STANLEY BLUM.

Application No. 205/Cal/1990; filed on 12th March 1990.

(Convention No. 8905942.2; dated 15-3-1989; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

6 Claims

A method of de-inking waste paper materials comprising the steps of:—

pulping the paper material to form a fibrous stock of a slush-like consistency;

adding an ink dispersant to the fibrous stock to disperse ink particles from the stock;

and removing the dispersed ink particles from the fibrous stock;

characterised in that the ink dispersant consists of a mixture of phosphated and carbonated sodium salts, or a mixture of phosphated and carbonated sodium salts including small amounts of metasilicates and/or caustic soda.

(Compl. Specn. 8 pages;

Drgns. 1 sheet)

Cl.: 47-C, F.

174413

Int. Cl.: C 10 J 3/48.

PLANT FOR GENERATING A PRODUCT GAS FROM A FINELY DISPERSE CARBON CARRIER.

Applicant: KRUPP KOPPERS GmbH OF ALTENDORFER STRASSE 120, D-4300 ESSEN 1, FEDERAL REPUBLIC OF GERMANY.

Inventors:

(1) MICHAEL LANG, and

(2) GERHARD WILMER.

Application No. 576/Cal/90; filed on 10th July 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

10 Claims

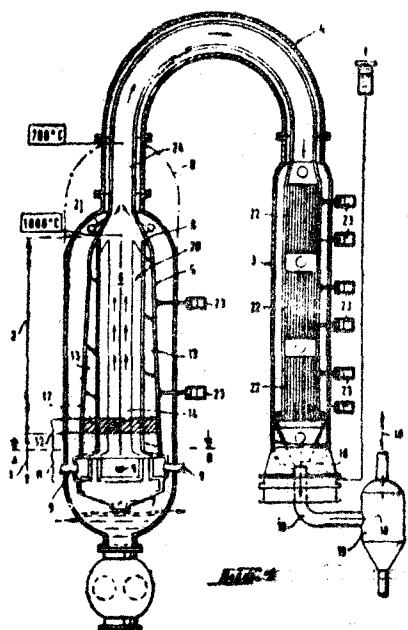
Plant for generating a product gas from a finely disperse carbon carrier, especially from fine-grained to dusty coal, by means of gasification under pressure, having

a vertical, upward-flow reactor with a gasification section and a radiant cooling vessel,

a vertical, downward-flow convective cooling apparatus, and

a cooled connection line between the top of the reactor and the top of the convective cooling apparatus,

the reactor having a shaft formed by pipes, a lower molten-slag outlet and an upper, tapered connecting part piece for the connection line and being adapted for cooling the product gas down to adequate solidification of entrained molten slag particles, the convective cooling apparatus being fitted with a lower take-off for the product gas and for entrained slag particles and, furthermore, the gasification section of the reactor having a lower primary reaction zone and an upper secondary reaction zone, characterized in that the gasification section has, at least in the region of the secondary reaction zone, radial partitions which are water-cooled and leave free a central region, and that the surface of the partitions is provided with pins and coated with a refractory material.



(Compl. Specn. 13 pages;

Drgns. 2 sheets)

Cl.: 32 FC

174414

Int. Cl.: CO 7C 149/18.

A PROCESS FOR THE PREPARATION OF N-ACYLAMINOALKYL 2-HYDROXYETHYL SULFIDES.

Applicant: HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors:

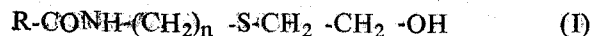
- (1) MICHAEL MEIER,
- (2) HEINRICH ANGENENDT AND
- (3) PETER MISCHKE.

Application No. 117/Cal/1991 filed on 7th February 1991.

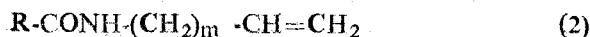
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

10 Claims

A process for the preparation of an N-acylaminoalkyl 2-hydroxyethyl sulfide of the formula (1)



in which R is a hydrogen atom or an unbranched or branched alkyl (C₁-C₆) radical and n is an integer from 3 to 6, which comprises reacting a compound of the formula (2).



in which R is as defined above and m is an integer of 1 to 4, with the equivalent amount of mercaptoethanol at temperatures of 15 to 150°C in the presence of a free-radical initiator in the presence or in the absence of a solvent which is inert towards the reactants and towards free-radical reactions.

(Compl. Specn. 12 pages;

Drgns. Nil)

Cl.: 84 CL

174415

Int. Cl.: C 10 L 9/00.

CONTINUOUS PROCESS AND PLANT FOR THE PRODUCTION OF DOMESTIC FUEL FROM NON-CAKING COAL.

Applicant: CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD. (CMPDI) OF GONDWANA PLACE, KANKE ROAD, RANCHI-834008, BIHAR, INDIA.

Inventors:

- (1) RANJIT KUMAR CHAKRABARTI,
- (2) TARUN KUMAR SINHA,
- (3) BHAGWAT CHATTERJEE,
- (4) SUSHIL KUMAR TANDON,
- (5) KVS NAGESH,
- (6) DR. RAM NARESH SINGH,
- (7) DEVIDAS BASU.

Application No. 322/Cal/91 filed on 26th April 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

11 Claims

A continuous process for the production of domestic fuel from non-caking coal, comprising crushing, in stages, non-caking coal slacks/fines to predetermined size, mixing in a mixer the fine coal, so crushed, with a binder, such as here-in described feeding the coal-binder mix from the mixer to a rotating circular pelletiser, disposed inclinedly in relation to the horizontal level, said pelletiser having a raised skirt of predetermined height at its periphery for allowing overflow of fully-grown pellets/agglomerates out of the pelletiser, said pellets being dried in a drier having cross-flow arrangement of hot flue gas there-through, wherein the speed of rotation of the pelletiser is 6/7 R.P.M. the angle of inclination of the pelletiser is in the range of 40° to 50°, the feed point of the fine coal-binder mix into the pelletiser is away from the centre, preferably at a distance of 1/6th of the radius of the pelletiser from its centre, the skirt height of the pelletiser is in the range of 1/12th to 1/10th of the diameter of the pelletiser, depending on the size of the pellets to be made.

(Compl. Specn. 13 pages;

Drgns. 2 sheets)

CL : 55 D.

174416

Int. CL : A 01 N 43/00, 43/48.

A METHOD FOR THE PREPARATION OF HERBICIDAL COMPOSITION COMPRISING 1-[O-(CYCLOPROPYL CARBONYL PHENYL) SULFAMOYL]-3-(4, 6-DIMETHOXY-2-PYRIMIDINYL) UREA.

Applicant : AMERICAN CYANAMID COMPANY OF ONE CYANAMID PLAZA, WAYNE, STATE OF NEW JERSEY 07470, UNITED STATES OF AMERICA.

Inventors :

- (1) THOMAS EUGENE BRADY,
- (2) MICHAEL EDWARD CONDON AND
- (3) PIERRE ANTOINE MARC.

Application No. 200/Cal/1992; filed on 25th March 1992.

(Divisional of Application No. 82/Cal/91, antedated to 28-01-1991).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

9 Claims

A method for the preparation of herbicidal composition which comprises subjecting about 65% w/w of 1-[O-(cyclopropyl carbonyl) phenyl sulfamoyl]-3-(4, 6-dimethoxy-2-pyrimidinyl) urea to intense grinding with about 10 to 25.7% w/w bentonite clay and about 6% w/w of sodium based sulfonate such as herein described in the presence of about 3 to 4% w/w a surfactant and anti-foam agent such as herein described.

(Compl. Specn. 20 pages;

Drgns. 1 sheet)

CL : 55 E, 4.

174417

Int. CL : A 61 K 9/00, 47/00.

A PROCESS OF PREPARING A HOMOEOPATHIC MEDICINAL COMPOSITION.

Applicant & Inventor : NANIGOPAL JANA, M/S JANA HOMEO PHARMACY & LABORATORY, BHATENDA, RAJARHAT, NORTH 24-PARGANAS, PIN-743 510, NATIONALITY INDIAN.

Application No. 500/Cal/1992; filed on 14th July 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

2 Claims

A process of preparing a homoeopathic medicinal composition which comprises mixing mother extracts of Aegle marmelos, Alfalfa, Aswagandha, Avena sativa, carduus marianus, carica papaya, Chelidonium majus, Hydrastis canadensis, Kalmegh, Kurchi, Nux vomica & sabal serrulata in equal proportion by volume at room temperature and vigorously stirring for at least 15 minutes and the resultant mixture is allowed to remain as such for at least 30 minutes to obtain a clear liquid which is then decanted off or is filtered off from the said mixture resulting in desired homoeopathic medicinal composition of Mother Potency such as herein described which is optionally sweetened as per taste with a sweetener known in the art and the same is optionally potentized in various predetermined dilutions as herein described.

(Compl. Specn. 6 pages;

Drgns. Nil)

CL : 92 E.

174418

Int. CL : B 02 C 9/04.

METHOD OF AND SYSTEM FOR FLOUR MILLING.

Applicant : SATAKE CORPORATION, OF 7-2, SOTO-KANDA 4-CHOME, CHIYODA-KU, TOKYO 101, JAPAN.

Inventors :

- (1) TOSHIHIKO SATAKE,
- (2) SATORU SATAKE,
- (3) TAKESHI ISHII AND
- (4) YOSHIHIRO TOKUI.

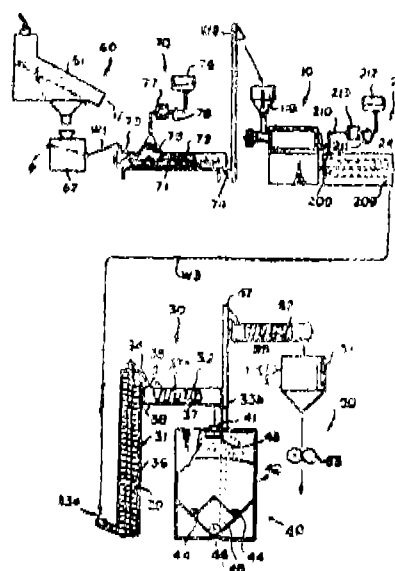
Application No. 571/Cal/1992; filed on 10th August 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

8 Claims

A flour milling method comprising the steps of polishing the raw wheat and milling the polished wheat, said method is characterised by further comprising a step of cleaning with water the polished wheat for removing bran powder which has entered into longitudinal creases of wheat grains during said polishing step of the raw wheat at a subsequent step of said polishing step of the raw wheat.

FIG.1



(Compl. Specn. 30 pages;

Drgns. 4 sheets)

CL : 88B.

174419

Int. CL : A 23 L 3/36.

61 L 2 16, 9/00.

PROCESS INCLUDING GERMDESTROYING PROCESS, GERMICIDAL PRODUCTS AND THEIR PREPARATION METHOD, FUMIGANT AND FUMIGATION METHOD, AS WELL AS GERMICIDAL GAS COMPOSITIONS, THEIR PREPARATION METHOD AND APPARATUS THEREFOR.

Applicant : THE GREEN CROSS CORPORATION, OF 3-3, IMABASHI 1-CHOME CHUO-KU, OSAKA-SHI OSAKA, JAPAN.

Inventors :

- (1) CHIAKI OHAMA AND
- (2) KEISUKE KATO.

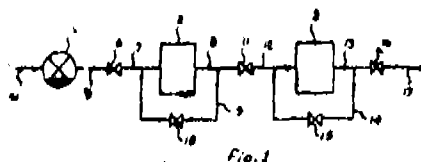
Application No. 603/Cal/92 filed on 20th August 1992.

(Divisional of application No. 947/Cal/90 anti dated to 12-11-90).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A process for preparing a gas composition such as herein described possessing germ-destroying and freshness retaining effect, comprising contacting a gas with a liquid isothiocyanic acid ester such as herein described or a mixture of a liquid isothiocyanic acid ester and an organic liquid such as herein described to obtain a gas containing a vapor of the isothiocyanic acid ester.



(Compl. Specn. 69 pages.

Draws. 3 sheets)

Cl.: 32 FI.

174420

Int. Cl.: CO 7C 79/22, 79/26, 79/32.

PROCESS FOR THE PREPARATION OF 2-NITRO-5-FLUORO- OR -5-CHLOROPHENOL.

Applicant: HOECHST AKTIENGESELLSCHAFT D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors:

- (1) RALF PFIRMANN.
- (2) THEODOR PAPENFUHS.
- (3) KLAUS FORSTINGER.

Application No. 646/Cal/92 filed on 7th September 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A process for the preparation of isomerically pure 2-nitro-5-fluoro- or -5-chlorophenol, wherein 2, 4-difluoronitrobenzene or 2, 4-dichloronitrobenzene is reacted with aqueous alkali metal hydroxide solution or alkaline earth metal hydroxide solution or suspension in the absence of organic solvents or other solubilizers at temperatures from about 20°C to about 190°C, the pH of the reaction mixture is adjusted to about 1 to about 6 by the addition of acid, the resultant product is steam distilled and is isolated from the distillate after cooling.

(Compl. Specn. 10 pages;

Draws. Nil)

Ind. Cl.: 39-D (III)
40 B [IV (1)]

174421

Int. Cl.: C01B 33/26, 33/28, B01J 29/08 29/08.

PREPARATION OF CRYSTALLINE NAY ZEOLITE.

Applicants: INDIAN OIL CORPORATION LTD., G-9, ALI YAVAR JUNG MARG, BANDRA (EAST), BOMBAY-400 051 MAHARASHTRA, INDIA.

Inventor:

MOHAN PRABHU KUVETTU,
MANORANJAN SANTRA,
SANJAY KUMAR RAY AND
SOBHAN GHOSH.

Application No. 277/BOM/1991 Provisional Specification Filed September 25, 1991, Complete after Provisional Left-September 24, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

6 Claims

A process for producing NAY zeolites wherein aluminosilicate zeolite nucleation centres are combined with a zeolite producing reaction mixture which comprises in the steps of:

(A) Preparing a reaction mixture containing the following mol ratios of ingredients;

Na₂O/SiO₂—(0.4-1.2).

SiO₂/Al₂O₃—(8-12).

H₂O/Na₂O—(30-55).

(B) adding aluminosilicate zeolite nucleation centres consisting of essentially the following mole composition ratio;

Na₂O/SiO₂—(0.5-2.0).

SiO₂/Al₂O₃—(10-20).

H₂O/Na₂O—(10-40).

(C) heating said reaction mixture at a temperature of 90-100°C for a period of 8-9 hours to get a faujasite type zeolite product having crystals of flattened platelet of square shape.

(Compl. Specn. 14 pages

Draws. Nil)

(Provl. Specification 3 pages,

Draws. Nil)

Ind. Cl.: 69 B (IEX).

174422

Int. Cl.: H 01H-71/40, 83/20.

MINIATURE CIRCUIT BREAKER SWITCHING MECHANISM.

Applicant: INTEGRA SWITCHGEAR PRIVATE LIMITED AN INDIAN COMPANY OF G/4 LAXMI WOOLEN MILLS ESTATE, SHAKTI MILLS LANE, OFF DR. E. MOSES ROAD, MAHALAXMI, BOMBAY-400 011.

Inventor: ABHAY JAMNADAS VORA.

Application No. 282/BOM/91 filed on 27-09-91.

Complete after Provisional left on 26-08-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

6 Claims

1. A miniature circuit breaker comprises of:

(i) a bottom terminal and a top terminal;

(ii) said bottom terminal being connected through cables and bimetal strip to a pivot moving contact member;

(iii) One end of said moving contact member being associated with and held by a strip up mechanism, which is linked to tripping latch, such that the lower end of moving contact member abuts against a fixed contact in the normal condition;

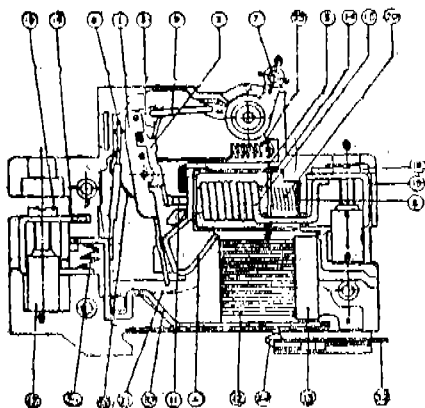
(iv) the fixed contact member being fixed to one end of a magnetic coil assembly while the other end of magnetic coil assembly is connected to the top terminal, thereby enabling a flowing of current through the current path from the lower terminal to upper terminal;

(v) the moving contact being pivoted at about its mid portion on the frame of the circuit breaker and the top end portion of the moving contact above the level of the pivot point held by the top end of the said tripping latch whose lower end lies against the central axis of the said magnetic coil assembly;

(vi) magnetic coil assembly having an axially movable striker pin abutting against the lower end of the said tripping latch;

(vii) the miniature circuit breaker also having a high voltage arc-protection assembly made of an air gap plating housing having a plurality of parallel arranged metal-surface coated air gap plates spaced apart from one another;

(viii) and wherein one end of the said housing is provided with an arc runner connected to the bottom terminal while the other end of the housing is provided with a yoke frame connected to the upper terminal.



p2423

(Prov. Specn. 4 pages;
(Comp. Specn. 10 pages;

Drg. 1 sheet)
Drg. 1 sheet)

Ind. Cl.: 32 E [IX (1)]

174423

Int. Cl.: B 01 J 41/00, 41/12.

A IMPROVED PROCESS FOR MAKING MANUFACTURING MACROPOROUS ANION EXCHANGE RESINS.

Applicant: THERMAX LIMITED, D-13 MIDC INDUSTRIAL AREA, CHINCHWADI, PUNE 411 019, MAHARASHTRA, INDIA.

Inventors:

1. DR. SRINIVAS VINAYAK VAIDYA.
2. SATISHCHANDRA SHARADCHANDRA BAPAT.
3. AVINASH SADASHIV KALE.
4. SUNIL VASANT MOKASHI.

Application No. 337/BOM/91 filed on 4-11-91.

Complete after provisional left: 10-02-92.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

2 Claims

An improved process of making macroporous weak base anion exchange resins comprises the steps of (i) making chloromethylated beads in a conventional manner using ethylene dichloride as a solvent for swelling the beads; (ii) making a slurry of the beads with water; (iii) adding caustic lye or caustic flakes to the slurry to adjust the pH of the slurry to between 8 and 11; (iv) charging amine into an amination kettle and adding caustic lye or caustic flakes to adjust the pH of amine to between 8 and 11; (v) charging the said slurry into the said amination kettle pneumatically and maintaining temperature of the said amination kettle to a temperature below, 35 degrees celsius and preferably around 10 degrees celsius during charging of said slurry into the amination kettle; (iv) adjusting of pH of aminated resins with hydrochloric acid (HCl) to between 2 and 4; and (vii) distilling out the solvent (Ethylene dichloride) from amination kettle.

(Comp. Specn. 13 pages;
(Provn. Specn. 12 pages;

Drgs. Nil)
Drgs. Nil)

Ind. Cl.: 690 P [LIX (1)]
76 C, E [LXIV (4)]

174424

Int. Cl.: E05C—3/00.
E05B—3/00, H02B—3/02.

A CONTROL PANEL DOOR FASTENER.

Applicants: LARSEN & TOUBRO LTD., L&T HOUSE, BALLARD ESTATE, BOMBAY-400 038, MAHARASHTRA INDIA.

UDAY VASUDEV RAUT.

Application No. 59/BOM/1992 filed February 21, 1992.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

Claim

A control panel door fastener consisting of a tubular housing (1) provided with a flange (2) at the outer end thereof, said flange being provided with a locating protrusion (3) at the inner face thereof and a pair of opposing depressions (4A, 4B) at the outer face thereof, said housing being further provided with threads (5) on the outer end portion thereof and an open slot (6) at the inner end thereof, the base of said open slot being provided with a recess (7) at one corner thereof, a mounting ring (8) disposed over the outer end portion of said housing in thread engagement therewith, said ring being provided with knurls (8A) on the periphery thereof, a shaft (9) rotatably disposed in said housing from the outer end thereof, a flat knob (10) disposed outside said flange and provided with a pair of opposing projections (1A, 1B) at the inner surface thereof registering with said depressions and a lateral extension (12) at the outer end thereof, the inner end of said knob being fixed to the outer end of said shaft and abutting the outer face of said flange, said recess, depressions and projections being along the same line, an angular shaped fastening member (13) one limb (14) of which is hollow and the other limb (15) of which is provided with a taper (16) at the inner face at one side thereof said one limb being axially slidably and rotatably disposed in said housing from the inner end thereof, the inner end of said one limb extending over the inner end of said shaft in sliding contact herewith and provided with a pair of opposing elongate openings (17A, 17B) inclined radially oppositely, the inner end of said shaft and inner end of said one limb being interconnected by a connector pin (18) passing through the inner end of said shaft and engaged in said openings at the inner end of said one limb, said other limb being disposed spaced apart from and protruding the inner end of said housing alterally, said fastening member being stretched against said shaft by a spring (21) disposed over said shaft, one end of said spring being located at the inner face of said flange protruding into the outer end of said housing and the other end of said spring being located at the inner end of said one limb and a stopper (23) pin located at the outer end of said one limb and engaged in said open slot the outer surface of the corner of said fastening member being provided with a radius (28).

(Comp. Specn. 15 pages;

Drgs. 3 sheets)

Ind. Cl.: 190 A [XXVI (4)]

174425

Int. Cl.: F04 D-29/34.

A FAN BLADES MOUNTING ADAPTOR RING FOR A CELCING FAN MOTOR.

Applicant: CROMPTON GREAVES LTD., 1, DR. V. B. GANDHI MARG, BOMBAY-400 023, MAHARASHTRA, INDIA.

Inventors: KASARGOD SHRIKANT KAMATH, ASHLEY CAJETAN RODRIGUES.

Application No. 76/BOM/1992 filed March 9, 1992.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

2 Claims

A fan blades mounting adaptor ring for a ceiling fan motor to facilitate mounting of different sets of fan blades on said motor, said adaptor ring being provided with a plurality of adaptor ring mounting first holes and a plurality of pairs of fan blades mounting threaded second holes, the number of said pairs of fan blades mounting threaded second holes in said adaptor ring being different from the number of pairs of fan blades mounting threaded holes provided in the top end sheild of said motor.

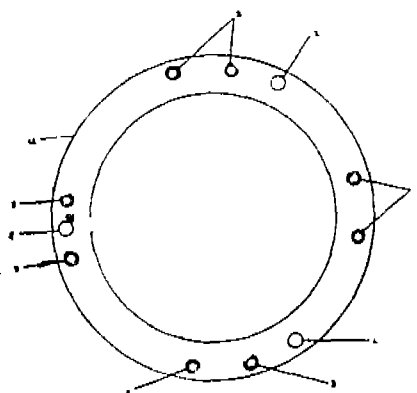


FIG. 1

(Comp. Specn. 8 pages;

Drgs. 9 sheets)

Ind. Cl.: 32 E [IX(1)]

174426

Int. Cl.: C08F—255/02.

A PROCESS FOR THE SYNTHESIS OF A NOVEL OIL SOLUBLE CO POLYMER OF ATACTIC POLYPROPYLENE GRAFTED WITH LONG CHAIN ALKYL ACRYLATES FOR USE AS POUR POINT DEPRESSANT ADDITIVE IN LUBRICATING MINERAL OILS.

Applicants: M/s. LUBRIZOL INDIA LIMITED, THANE-BELAPUR ROAD TURBHE THANE-400 703 MAHARASHTRA INDIA AN INDIAN COMPANY.

Inventors:

- (1) ARUN VENKTESH PANTAR.
- (2) ALURU SUDARSHNA SARMA.
- (3) KANAI LAL MALLIK.
- (4) CATTAMANSHI RAMESH REDDY.

Application No. 86/BOM/92 filed on 16-03-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

16 Claims

1. A process for the synthesis of a novel oil soluble copolymer of atactic polypropylene grafted with long chain alkyl acrylates for use as a pour point depressant additive in lubricating mineral oils, the said process comprises,

- (a) Solubilizing the atactic polypropylene waste either as such or in the purified form, as herein described, in toluene at 100-1050C,
- (b) Graft copolymerizing alkyl acrylates with an initiator capable of initiating the graft copolymerization reaction at 70-1050C. such as benzoyl peroxide the initiator being 0.01 to 2.5% by weight of the monoer(s) alkyl acrylates, in the presence of 50-70 percent by weight of polymerization diluent, toluene, to the total polymerization mixture for 5-7 hours at the said temperature range in a blanket of inert gas such as nitrogen,
- (c) Removing the diluent and the polymerization reaction, if needed by either distillation or by precipitation or filtration and
- (d) Recovering the graft copolymerized material as a pour point depressant of either neat mineral oils or in presence of property modifying agents, such an, despersant, anticwidant viscosity improver.

Ind. Cl.: 67 A&C Gr [LI(2)]
126A Gr. [LVIII(6)]

174427

Int. Cl.: G01R—31/00.

H05 K—9/00.

A DEVICE FOR DETERMINING—X, Y, COORDINATES OF PADS OF PRINTED CIRCUIT BOARD FOR DETERMINING ACTUAL LOCATION OF FAULTY POINTS.

Applicant & Inventor: MAYOOR AMIN, INDIAN NATIONAL OF M/S MITRONICS CORPORATION, 10 VAKIL, IND. FSTATE. VALBHAT ROAD, GUREGAON (EAST), BOMBAY-400 063, MAHARASHTRA STATE, INDIA.

Application No. 77/BOM/92 filed on 09-03-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

4 Claims

A device for determining X, Y coordinates of pads of printed circuit boards for determining actual location of the faulty points, comprising of:

a test fixture/housing having a plurality of contact probes projecting out from its top through the holes made therein, the said contact probes being arranged and mounted in a layout, matching with the holes of the pads of a given printed circuit board;

connecting means, such as, cables or wires being connected between the said probes and tester scanning electronic units in a scanner; and

said scanning electronic units being connected to a display screen;

characterised in that a scanning plate consisting of a plurality of conductive strips or tracks arranged, spaced apart with predetermined interspaces and bonded or otherwise secured on a non-conductive sheet material or substrate, being pressed over the said projecting out contact probes, the said probes making contact with the said conductive strips and the said conductive strips being provided with electrical connection for excitation.

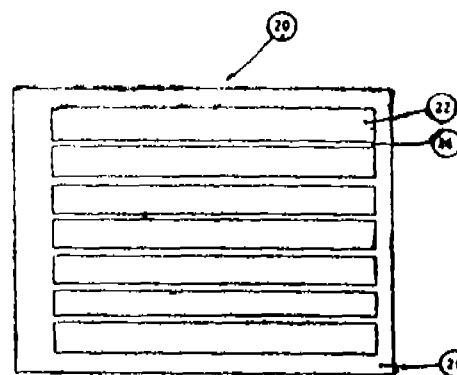


FIG. 2

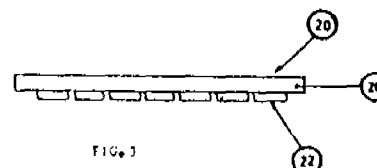


FIG. 3

(Comp. Specn. 9 pages;

Drwgs. 2 sheets)

Ind. Cl. : 95 K Gr [XL III (2)]

174428

Int. Cl. : B 25 B 13/50.

AN IMPROVED PIPE WRENCH.

Applicants : TAPARIA TOOLS LIMITED AN INDIAN COMPANY AT NASHIK INDUSTRIAL AREA, TRIMBAK ROAD, NASHIK-422 007, MAHARASHTRA, INDIA.

Inventor : HAR NARAYAN TAPARIA.

Application No. 88/BOM/92 filed on 20-03-92.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch Bombay-400 013.

2 Claims

An improved pipe wrench comprising :

a fixed jaw element defining a handle and a serrated jaw at one end and a handle at the other end;

an "inverted J" shaped movable jaw element, having a serrated jaw arm opposing the serrated jaw of the said fixed jaw element and a alteral toothed arm; and

a hollow indexing element secured by a riveted pivot pin to the said handle of the fixed jaw element, having an axial passage for accomodating the lateral toothed arm of the said movable jaw element and a lateral slot within which an indexing cylindrical hollow roller element is retained, said roller element having internal spiral thread engaging with the teeth of the toothed arm of the said movable jaw element for indexing the serrated jaw arm of the movable jaw element relative to the serrated jaw of the fixed jaw element; characterised in that a sleeve type bracket is provided with the said hollow indexing element, the handle of the said fixed jaw element passing through the bore of the said sleeve type bracket and a pair of spiral spring elements being provided on either sides of the said handle and retained in between the walls of the said bracket and the handle of the fixed jaw element for maintaining the alignment between the hollow indexing element and the fixed jaw and thereby maintaining the alignment between the fixed jaw and the movable jaw.

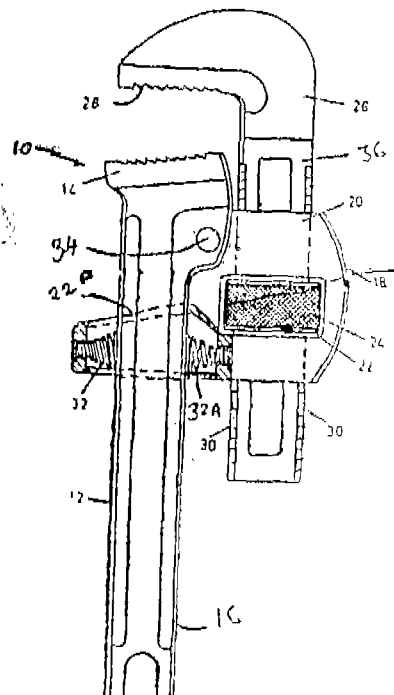


Fig. 1

(Comp. Specn. 7 pages)

(Drgs. 1 sheet)

Ind. Cl. : 170 D Gr. [XXLIII (4)]

174429

Int. Cl. : C 11 D—1/94.

A SINGLE-STEP PROCESS FOR THE CONTINUOUS PREPARATION OF A GRANULAR DETERGENT COMPOSITION OR COMPONENT.

Applicant : HINDUSTAN LEVER LTD. HINDUSTAN LEVER HOUSE 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventors :

- (1) PETER WILLEM APPEL.
- (2) LUCAS DOMINIOUS M. VAN DEN BREKEL.
- (3) PIETER AXEL PEL.
- (4) PETRUS LEONARDUS J. SWINKELS.

Application No. 100/Bom/1992 filed on 31-03-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

10 Claims

A single-step process for the continuous preparation of a granular detergent composition or component, whereby 20 to 45% of a liquid acid precursor such as herein described of an anionic surfactant such as herein described, and at least an equivalent amount of a solid water-soluble alkaline inorganic material such as herein described are continuously fed into a high-speed mixer/densifier, the mean residence time being from about 5 to 30 seconds, whereby the moisture content of the powder in the mixer is from 5 to 15%, and a degree of neutralization of at least 80% is attained.

(Comp. Specn. 15 pages;

Drwg. Nil)

Ind. Cl. : 33 C H, D [XXXIII (3)]

174430

Int. Cl. : B 22C 3/00.

A METHOD OF MANUFACTURING CASTINGS IN PERMANENT METAL MOULDS.

Applicant : THE INSTITUTE OF INDIAN FOUNDRYMEN, 2, MERCANTILE APARTMENTS, OPP. BASANT CINEMA, CHEMBUR, BOMBAY-400 074, MAHARASHTRA, INDIA.

Inventors :

1. DIGAMBER VISHNU PARANJPE.
2. HANUMANT ARJUN WADKAR.

Application No. 328/BOM/92 filed on October 15, 1992.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

05 Claims

An improved method of manufacturing castings in permanent metal moulds, comprising the steps of

- (a) burning rice husk to remove its volatile and carbon contents and forming rice husk ash;
- (b) grinding the said rice husk ash so obtained to a mesh size of: 60 to 100 mesh;
- (c) mixing the said ground rice husk ash with a binder/s;
- (d) forming a solution by mixing the said mix of ground ash and binder with water;
- (e) applying the said solution so obtained on the inner surface of a permanent metal mould and allowing the said solution coating to dry on the said inner surface; and
- (f) pouring molten metal in the so coated and dried permanent metal mould to obtain a casting.

(Comp. Specn. 10 pages;

Drwgs. Nil)

Ind. Cl. : 33-D [GROUP—XXXIII(3)]

174431

Int. Cl. : B 22 D 11/16.

A PROCESS AND INSTALLATION FOR THE MANUFACTURE OF A METAL PRODUCT.

Applicant: INSTITUT DE RECHARCHES DE LA SIDERURGIE FRANCAISE (IRSID), AN ESTABLISHMENT ORGANISED UNDER THE LAWS OF FRANCE, OF VOIE ROMAINE, 57210—MAIZIERES-LES-METZ, FRANCE.

Inventors :

- (1) BOBADILLA MANUEL.
- (2) JOLIVET JEAN-MARC.
- (3) MARTINOT MICHEL.

Application No. 363/MAS/89 filed May 9, 1989.

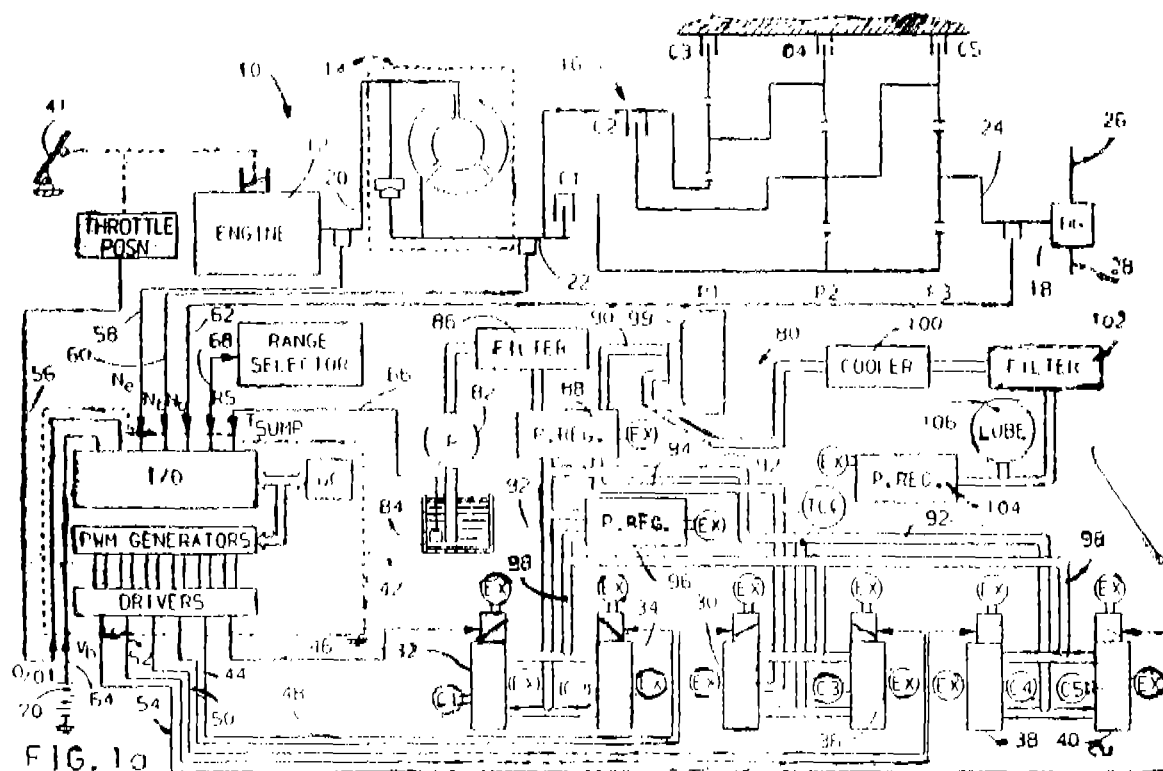
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

15 Claims

Process for the manufacture of a metal product in particular made of steel during continuous casting, characterized in that forced cooling of the product is performed when, at the core, the product is in a phase of mushy solidification said forced cooling being implemented in a zone extending along the casting machine at least between the point where, in the absence of such cooling, the speed of cooling of the mushy core of the product would exceed that of the surface of the product and a point where the thermomechanical behaviour of the mushy core during cooling is identical to that of the solidified outer shell.

(Comp. 18 pages)

Drawgs. 2 sheets)



Ind. Cl.: 150-G [GROUP—XLVIII(10)]

174433

Int. Cl.: F 16 J 15/00.

GASKET WITH AN ANNULAR ANCHORING HEEL.

Applicant: PONT-A-MOUSSON S.A., OF 91, AVENUE DE LA LIBERATION, 54000 NANCY, FRANCE, A FRENCH COMPANY.

Inventors:

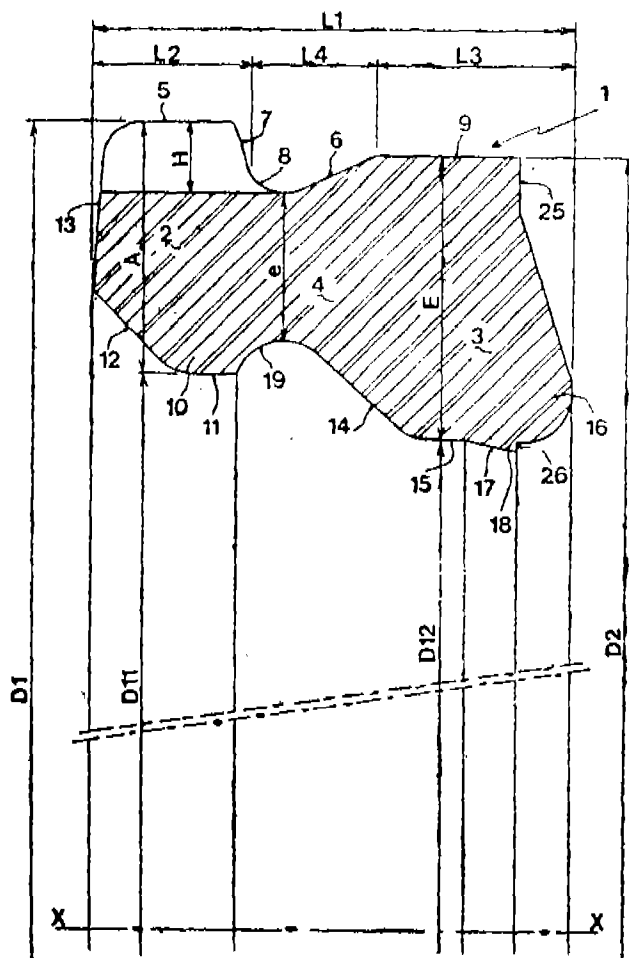
- (1) PERCEBOIS ALAIN.
- (2) VITEL JEAN-PIERRE.
- (3) REMY ANDRE.

Application No. 419/MAS/90 filed May 29, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

Elastomeric gasket (1) intended to be mounted in a socket (30) of a pipe, this gasket (1) having an anchoring structure (2) and a sealing body (3) functioning by radial compression, the anchoring structure (2) having an anchoring heel (5) situated on a radially outer face of the gasket (1) and forming a radial projection relative to the latter characterized in that recesses (27) are provided on a radial outer surface of the gasket (1) in the anchoring heel (5).

Pl. 1/3

(Com. 9 pages;

Drwgs. 3 sheets)

Ind. Cl.: 150-G [GROUP—XLVIII(1)]

174434

Int. Cl.: F 16 J 15/00.

ELESTOMERIC GASKET FOR CONNECTING TOGETHER A MALE-ENDED PIPE AND SOCKET PIPE.

Applicant: PONT-A-MOUSSON S.A., OF 91, AVENUE DE LA LIBERATION, 54000 NANCY, FRANCE, A FRENCH COMPANY.

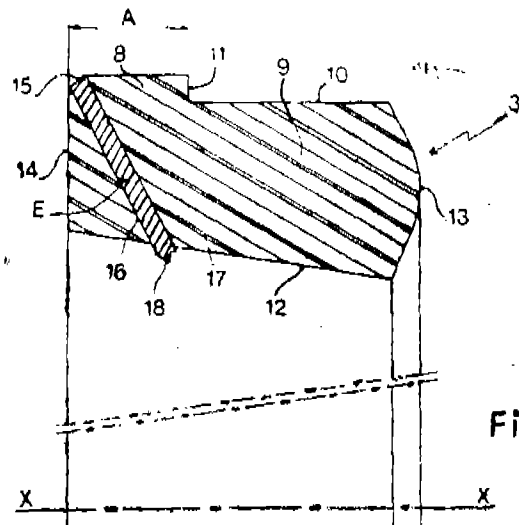
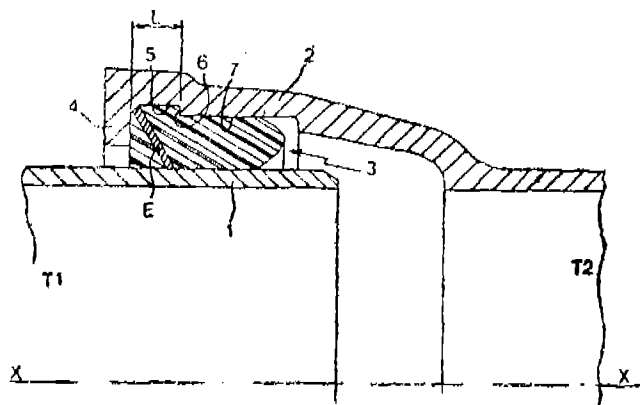
Inventor: ANDRE LAGABE.

Application No. 420/MAS/90 filed May 29, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

Elastomeric gasket (3) for connecting together a male-ended (1) pipe (T1) and a socket (2) pipe (T2), in which gasket locking elements (E) are arranged having one extremity intended to come to bear against an inner surface of the socket (2) and one extremity intended to penetrate the outer surface of the male end (1), characterized in that means (21) for limiting the penetration of the locking elements (E) into the outer surface of the male end (1) are provided at that extremity of the locking elements (E) intended to penetrate the outer surface of the male end (1).

**Fig. 2**

(Com. 8 pages;

Drwgs. 2 sheets)

Ind. Cl.: 11-C

174435

Int. Cl.: A 01 M 1/00.

A DEVICE FOR CONTROLLING THE POPULATION OF AN ISOPTERAN INSECT.

Applicant: UNIVERSITY OF FLORIDA, OF 186 GRINTER HALL, GAINESVILLE, FLORIDA-32611, U.S.A., AN AMERICAN INSTITUTION.

Inventors:

- (1) NAN-YUO SU,
- (2) ELLEN M. THOMS,
- (3) KEVIN BURNS,
- (4) DONALD DEVRIES,
- (5) JEFF PINKHAM.

Application No. 713/MAS/92 filed November 26, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A device for controlling the population of an isopteran insect comprising a housing colscably open at one end and closed at the opposite end having at least one entry point on its outer periphery to permit entry of said isopteran insect, the said entry points having diameter greater than the average width of the head of an isopteran of the species desired to be captured but less than the width of the head and two antennae of said isopteran, the housing is capable of containing a cellulose-containing monitoring material and/or a toxin-containing matrix.

(Com. 36 pages;

Drwgs. 11 sheets)

Ind. Cl.: 32-F3(b)

174436

Int. Cl.: O 07 D 233/00.

A PROCESS FOR PREPARING NOVEL 1-(ARYLALKYLAMINOALKYL) IMIDAZOLE COMPOUNDS AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF.

Applicant: THE BOOTS COMPANY PLC., A BRITISH COMPANY, OF 1, THANE ROAD WEST, NOTTINGHAM, NG2 3AA, NOTTS, ENGLAND, UNITED KINGDOM.

- Inventors: (1) LAWRENCE STEPHEN CLEGG
(2) IAN MICHEL HUNNEYBALL
(3) COLIN GERHART PRYCE JONES
(4) PAUL RAFFERTY
(5) LESLIE STEELE

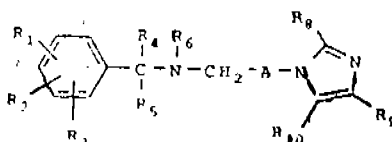
Application No. 756/MAS/92 filed December 17, 1992.

Convention date December 23, 1991; (No. GB 9127304.5; United Kingdom)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Madras Branch.

2 Claims

A process for preparing novel 1-(arylalkyl-aminoalkyl) imidazole compounds of formula I



and pharmaceutically acceptable salts thereof in which R_1 , R_2 and R_3 independently represent hydrogen, halo, a C_{1-6} alkyl group, a C_{1-6} alkoxy group, phenoxy (optionally substituted by a C_{1-4} alkyl group, a C_{1-4} alkoxy group or halo), phenyl (optionally substituted by a C_{1-4} alkyl group, a C_{1-4} alkoxy group or halo, a C_{2-6} alkoxy carbonyl group, an amino group of formula $-NR_{13}R_{14}$ (in which R_{13} and R_{14} are independently hydrogen or a C_{1-4} alkyl group or R_{13} and R_{14} together with the nitrogen atom to which they are attached represent a pyrrolidine ring, a morpholine ring or a piperidine ring), a halogenated C_{1-4} alkoxy group, a halogenated C_{1-4} alkyl group, benzyloxy (optionally substituted by a C_{1-4} alkyl group, a C_{1-4} alkoxy group or halo), hydroxy, a C_{1-4} hydroxy alkyl group, a $(C_{2-6}$ alkoxy carbonyl) vinyl group; a group of formula $S(O)_nR_7$ (in which R_7 represents a C_{1-4} alkyl group and n is 0, 1 or 2), a C_{2-6} carboxyalkyl group, a C_{2-6} alkoxy carbonyl C_{1-2} alkyl group, a carbamoyl group of formula $-CONR_{11}R_{12}$ (in which R_{11} and R_{12} are independently hydrogen or a C_{1-6} alkyl group) or R_1 and R_2 together with the phenyl ring to which they are attached to represent a naphthyl group;

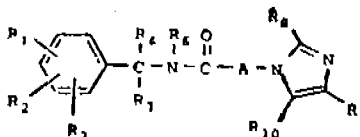
R_4 and R_5 independently represent hydrogen, a C_{1-4} alkyl group, phenyl (optionally substituted by a C_{1-4} alkyl group, halo or a C_{1-4} alkoxy group) or R_4 and R_5 together with the carbon atom to which they are attached represent a C_{3-6} cycloalkyl group;

R_6 represents hydrogen, a C_{1-4} alkyl group or an ω -hydroxy C_{1-4} alkyl group;

A represents a C_{2-9} alkylene group, which may be straight or branched;

R_8 represents hydrogen, a C_{1-6} alkyl group, halo, a C_{1-4} alkoxy group, a C_{1-4} hydroxyalkyl group, phenyl (optionally substituted by a C_{1-4} alkyl group, halo or a C_{1-4} alkoxy group) or benzyl (optionally substituted by a C_{1-4} alkyl group, halo or a C_{1-4} alkoxy group);

R_9 and R_{10} independently represent hydrogen, a C_{1-6} alkyl group, halo, a C_{1-4} alkoxy group, phenyl (optionally substituted by a C_{1-4} alkyl group, halo or a C_{1-4} alkoxy group), a C_{1-4} hydroxyalkyl group, a C_{2-6} alkoxy carbonyl group, nitro an amino group of formula $NR_{30}R_{31}$ (in which R_{30} and R_{31} independently represent hydrogen or a C_{1-4} alkyl group), a C_{1-6} alkanoyloxy C_{1-4} alkyl group, or an aminomethyl group; with the provisos that when A represents $(CH_2)_2$ and R_2 , R_3 , R_4 , R_5 , R_6 , R_8 , R_9 and R_{10} represent hydrogen then R_1 does not represent hydrogen or 4-chloro and that when A represents $(CH_2)_5$ and R_1 , R_2 , R_3 , R_4 , R_5 , R_6 , R_9 and R_{10} represent hydrogen then R_8 does not represent methyl comprising reacting a compound of formula IX



in which R_1 - R_6 and R_8 - R_{10} and A are as defined above; with a reducing agent such as hereindescribed, optionally in the presence of an inert organic liquid which is preferably a solvent for the compound of formula IX at a temperature in the range 0-200°C, preferably 15-150°C, at atmospheric pressure,

(Comp. 129 pages)

Ind. Class : 32-F₂(i)

174437

Int. Cl.⁸ : C 07 D 217/00.**PROCESS FOR THE PREPARATION OF SUBSTITUTED TETRA-HYDROISOQUINOLINES.**

Applicant: THE BOOTS COMPANY PLC., A BRITISH COMPANY OF, 1, THANE ROAD WEST, NOTTINGHAM, NG2 3AA, NOTTS, ENGLAND, UNITED KINGDOM.

Inventors :

- (1) ANTONIN KOZLIK.
- (2) BRUCE JEREMY SARGENT.
- (3) PATRICIA LESLEY NEEDHAM.

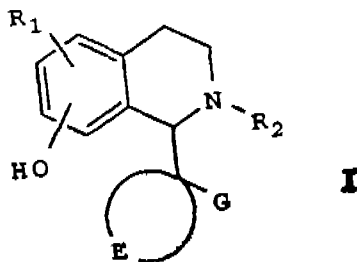
Application No. 757/MAS/92 filed December 17, 1992.

Convention date: December 23, 1991; (No. GB9127306.0; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A process for the preparation of substituted Tetrahydroisoquinoline compounds of formula I.



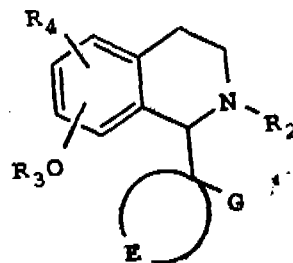
in which :—

R₁ represents one or more substituents selected from H, halo, hydroxy, alkyl of 1 to 3 carbon atoms (optionally substituted by hydroxyl), alkoxy of 1 to 3 carbon atoms, alkylthio of 1 to 3 carbon atoms, alkylsulphinyl of 1 to 3 carbon atoms, alkylsulphonyl of 1 to 3 carbon atoms, nitro, cyano, polyhaloalkyl of 1 to 3 carbon atoms, polyhaloalkoxy of 1 to 3 carbon atoms, phenyl (optionally substituted by one or more substituents selected from halo, alkyl of 1 to 3 carbon atoms or alkoxy of 1 to 3 carbon atoms), or R₁ is carbamoyl optionally alkylated by one or two alkyl groups each independently of 1 to 3 carbon atoms;

R₂ represents an aliphatic group containing 1 to 3 carbon atoms optionally substituted by hydroxy or alkoxy containing 1 to 3 carbon atoms;

E represents an alkylene chain containing 2 to 5 carbon atoms optionally substituted by one or more alkyl groups containing 1 to 3 carbon atoms, and G represents phenyl or phenyl substituted by one or more substituents which may be the same or different, and which are independently alkyl of 1 to 3 carbon atoms, alkoxy of 1 to 3 carbon atoms, halo, hydroxy, polyhaloalkyl of 1 to 3 carbon atoms, polyhaloalkoxy of 1 to 3 carbon atoms, cyano, alkylthio of 1 to 3 carbon atoms, alkylsulphinyl of 1 to 3 carbon atoms, alkylsulphonyl of 1 to 3 carbon atoms, phenyl (optionally substituted by one or more substituents selected from halo, alkyl of 1 to 3 carbon atoms or alkoxy of 1 to 3 carbon atoms), carbamoyl optionally alkylated by one or two alkyl groups each independently of 1 to 3 carbon atoms, or G represents a phenyl ring having fused thereto a heterocyclic or aromatic carbocyclic ring;

and O-acylated derivatives thereof, the said process comprising dealkylation or debenzoylation of compounds of formula IV



In which R₃ is an optionally substituted alkyl group and R₄ is the group R₁ or a group which can be converted into the group R₁, said dealkylation being effected by heating a compound of formula IV, in which R₃ is an optionally substituted alkyl group, under reflux with hydrobromic acid optionally in the presence of glacial acetic acid, and with boron tribromide, with pyridine hydrochloride, with sodium methanethiolate or with trimethylsilyl silane, and said debenzoylation being effected by the hydrolysis or hydrogenolysis of a compound of formula IV, in which R₃ is benzyl, to obtain a compound of formula I, and if desired converting the base to its pharmaceutically acceptable salts by known methods.

(Com. — 191 pages)

Ind. Class—55-E⁴

174438

Int. Cl.⁸—A 61 K 9/00**A METHOD FOR PREPARING ENTERIC-COATED ORAL DRUGS CONTAINING OMEPRAZOLE.**

Applicant : SUNKYONG INDUSTRIES CO. LTD., OF 600 JUNGJA-1 DONG, JANGAN-KU, SUWON, KYUNGKI-DO, KOREA, KOREAN COMPANY.

Inventor : (1) DONE SUN MIN, (2) KEE AN UM (3) YONG SOO KIM, (4) PYONG WOOK PARK.

Application No. 769/MAS/92 filed December 28, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A method of preparing enteric-coated oral drug containing omeprazole comprising reacting at a temperature of 40-70°C, omeprazole with cyclodextrin wherein for one mole of omeprazole is reacted with 1-10 mole of cyclodextrin in an alkaline solution such as herein described having a PH of 8-12 to obtain enteric-coated oral drug containing omeprazole.

(Com.—41 Pages)

Ind. Class—83-B₂

174439

Int. Cl.⁸—A 23 K 1/00**A STABLE CRUSTACEAN FOOD COMPOSITION AND A PROCESS FOR PREPARING THE SAME**

Applicant : UNIVERSITY OF CONNECTICUT, A PUBLIC INSTITUTION OF THE STATE OF CONNECTICUT OF 438 WHITNEY ROAD EXTENSION STORRS CONNECTICUT-06269, U.S.A.

Inventor : LAUFER HANS

Application No. 670/MAS/92 filed 05 November, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

13 Claims

A process for preparing a stable crustacean food composition comprising adding a compound exhibiting juvenile hormone activity such as herein described at a concentration of 0.00026% to 0.0011% by weight to a conventional fish meal and blending the same.

(Comp.—26 pages)

Ind. Cl. : 45G₃ 174440Int. Cl.⁴ : E 03 D 1/32.**"AN IMPROVED INLET VALVE FOR A FLUSHING CISTERN"**

Applicants : (1) NARENDRA GHORPADE, (2) VANKI-PURAM RAMAMURTHY RAMRATHNAM, (3) VIJAY GHORPADE AND (4) RANGANATHAN SRINIVASAN, ALL OF ESPIEM INC. 459 ANNA SALAI, NANDANAM, MADRAS 600 035, TAMIL NADU, INDIA, ALL INDIAN NATIONALS.

Inventors : 1. NARENDRA GHORPADE, (2) VANKI-PURAM RAMAMURTHY RAMRATHNAM (3) VIJAY GHORPADE, (4) RANGANATHAN SRINIVASAN.

Application No. 822/Mas/90 filed on 18 October 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

5 Claims.

An improved inlet valve for a flushing cistern comprising an inlet conduit one end of which is connectable to a source of water while the other end tapers into a jutting orifice enclosed within a chamber fixable within the cistern, said chamber having an exit for water: a stopper resiliently mounted within the chamber and operated by a float arm pivoted to, and outside the chamber, whereby water emerging from the open orifice entering the chamber and leaving the same at the said exit flow silently, down and along the wall of the cistern, until the water collecting in the cistern, rises to a predetermined level and actuates the float arm to operate the stopper and close the orifice the stopper however, opening the orifice once again under the influence of its resilient mounting consequent to a fall in the level of water in the cistern.

(Complete Specification 8 Pages. Drg. 1 Sheet)

PATENT SEALED

04-11-94.

169606 172747 172927*17 173106 173107 173131 173136
173158 173164 173170*17 173171 173172*17 173180 173186
173189 173190 173197 173198 173199 173202 173206 173207
173209 173214 173221 173222 173224 173225 173228 173229
173232 173235 173238 173241 173244 173245 173258 173270

CAL-16, DEL-01, BOM-06, MAS-15.

Patent Shall be deemed to be endorsed with the words
LICENCE OF RIGHT Under Section 87 of the Patents Act,
1970 from the date of expiration of three years from the date
of Sealing.

D—DRUG PATENT, F—FOOD PATENT

RENEWAL FEES PAID

155686 153765 155598 155785 155786 155880 155883 155917
155919 155930 156153 156164 156205 156219 157566 157996
158087 158132 158244 158256 158257 158573 158910 158912
158934 158961 159046 159188 159335 159360 159746 159836
159895 159962 160142 160708 160284 160786 160410 160503
160506 160559 160561 160760 160958 161135 161137 161271
161274 161489 161545 161546 161547 161782 161801 161807
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163449 163678 163679 163712 164458 164489 164561 165439
165912 165940 166186 166221 166224 166287 166431 166477
166516 166519 166660 166722 166723 166737 166757 166758
167006 167024 167305 167482 167483 167684 167892 167993
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170902 171011 171012 171041 171043 171044 171105 171107
171108 171191 171250 171282 171359 171406 171592 171606
171782 171790 171794 171797 171983 172206 172255 172289

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 163083 granted to Munters Buroform GmbH for an invention relating to "spacer for mist eliminator".

The Patent ceased on the 14th Oct., 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th Nov., 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Place, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before 3-2-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 164178 granted to Ravi Raj Gupta for an invention relating to "A spacer for lying of tiles to a surface".

The Patent ceased on the 8th Nov., 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th Nov., 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Place, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before 3-2-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 167910 granted to Indian Space Research Organisation for an invention relating to "a process for preparing a front or rear surface electrically conducting silver reflector etc.".

The Patent ceased on the 30th Sept, 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th November, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Place, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before 3-2-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 168732 dated the 22nd June, 1987 made by Mitsui Toatsu Chemicals, Incorporated on the 10th January, 1994 and notified in the Gazette of India Part III, Section 2 dated the 7th May, 1994 has been allowed and the said Patent restored".

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 168744 granted to Indian Space Research Organisation for an invention relating to "a process for preparing a front surface reflector and a front surface reflector thereof".

The Patent ceased on the 30th Sept. 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th November, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Place, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before 3-2-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170529 granted to Motorola, Inc. for an invention relating to "a trunked voice/data communication system".

The Patent ceased on the 15th Feb. 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th November, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Place, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before 3-2-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 171482 granted to Krupp Koppers GmbH for an invention relating to "a process for coal gasification comprising cooling partial oxidation gas and device for carrying out the step of cooling".

The Patent ceased on the 9th August, 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th November, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Place, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before 3-2-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 171561 granted to Late Bhalchandra Bapat for an invention relating to "a device for ascertaining the difference in rise in temperature in the cutaneous thermal scan etc".

The Patent ceased on the 4th August, 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th November, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Place, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before 3-2-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 171523 granted to Krupp Koppers BmbH for an invention relating to "process and equipment for the production of crude gas."

The Patent ceased on the 9th August, 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th November, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Place, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before 3-2-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 171675 granted to Kabushiki Kaisha Toyota Cuo Kenkyusho for an invention relating to "a method and an apparatus for producing a substrate with a surface layer of a material selected from carbide etc".

The Patent ceased on the 9th August, 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th November, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Place, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before 3-2-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration including in the entries.

Class 3. No. 166084 Anti Products. A-7 Sardar Nagar, Delhi-110 009. India, Indian Proprietary Firm. "Container". August 25, 1993.

Class 3. No. 166709. Jineshwar Writing Instruments P. Ltd. of 104, Udvog Bhawan, Sarma Industrial Estate, Valbhat Road, Goregaon (E), Bombay-400 063, Maharashtra, India, Indian Co. "Ball Pen". January 18, 1994.

Class 10. Nos. 167246, 167258 & 167259. Bata India Ltd. of 30, Shakespeare Sarani, Calcutta-700 017. W. B., India. "Footware". April 26, 1994.

R. A. ACHARYA
Controller General of Patents Designs
and Trade Marks

प्रबन्धक, भारत सरकार महानगर कपीदावात द्वारा सदिन

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1994

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